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This book will help you learn to hack in an easy and Step-By-Step method. Previously, only computer networks were getting hacked, but in today's modern world, technology has grown immensely and now many other

From laptops to smartphones to printers, our devices are getting more prone to hacking as hackers target common users to get access to their confidential information or bank details. We all are familiar with the term "HACKING". But have you ever wondered what it really is? What are the different types of Hackers? Who are the target victims of hackers? What things answered here in this book. This book will cover all the aspects of hacking including: Hacking a website Hacking tools you must know including password crackers Hacking case studies Security breaches XSS security Bluetooth hacking Captcha techniques Spam, Trojan horses, Spoofing, Malware, and more Virus vs. Spyware - What is the difference? Are cookies safe? And much more! It has been designed to prepare you to understand how you can keep yourself safe from hackers, the best practices for developing hack resilient web applications, and

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some of the world 's bestknown blockchains, including those that power Bitcoin and other cryptocurrencies. It also provides a glance at how blockchain solutions are affecting the worlds of finance, supply chain management, insurance, and governments. Get a clear picture of what a blockchain can do Learn how blockchains rule cryptocurrency and smart contracts Discover current blockchains and how each of them work Test blockchain apps Blockchain has become the critical buzzword in the world of financial technology and transaction security and now you can make sense of it with the help of this essential guide.

Hacking Everyman Chess Create, develop and deploy a Smart Contract with ease KEY FEATURESA* Familiarize yourself with Blockchain terminology and its conceptsA* Understand workflow, and and implement the Cryptography basic principlesA* Understand the life cycle of an Ethereum Transaction A* Explore and work with Ethereum. Dapps on Ethereum.A* A practical guide that will teach you to create and deploy Smart Contracts with Solidity DESCRIPTIONThe book covers the fundamentals of Blockchain in detail and shows how to

create a Smart

Contract with ease.

revisit the Smart

novices and advanced readers who want to

Contract development process. The book starts by introduces Blockchain, its terminology, its cryptographic principles. You will get familiar with the basics of Ethereum and some Distributed apps available on

Furthermore, you will learn to set-up Ethereum Blockchain on Azure. Then you will learn how to create, develop, and deploy a smart contract on Ethereum. Towards the end, you will understand what Blockchain uses and advantages in the real-world scenario. This book is both for WHAT WILL YOU LEARN A* Get familiar with the basics of Blockchain and

is learning Solidity BitcoinA* Setup a development and is looking to environment for create and integrate programming Smart Blockchain into their ContractsA* Learn how project. TABLE OF to set up an Ethereum CONTENTSSection 1: Blockchain on AzureA* What is Blockchain Understand the basics and how does it work? of Solidity, an 1. Blockchain - The object-oriented Concept2. Blockchain programming language - Cryptographic for writing smart PrinciplesSection 2: contractsA* Learn how Ethereum and DAAPS 1. to test and deploy a Distributed smart contract WHO Applications 2. THIS BOOK IS FORThis Setting up Ethereum book is for Blockchain on AzureSection 3: Smart Developers, Architects, and Contracts Development Software/Technology 1. Setting up an Environment for Smart Enthusiasts who are interested in Contracts Blockchain, Ethereum, Development2. and Smart Contracts. Programming Smart It is also for ContractsSection 4: Blockchain in Real Developers who want to build a Blockchain-World 1. Blockchainbased DApps on Offerings and Ethereum Network. It UsagesAUTHOR BIOAkhil is for everyone who Mittal lives in

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Getting started with Chatbots, which is published with BPB publication. Your LinkedIn Profilehttps://www.linkedin.com/in/akhilmittal/

Cairns Area Plan of Management Joey Yap Research Group Mastering advanced JavaScript to build modern nextgeneration web applications. Ê KEY FEATURESÊÊ A simplified explanation of complex concepts to create powerful and flexible web applications. Learn testing JavaScript code, regular expressions, fetching data, and many more with ES6.

_ A full-fledged section dedicated to developing an application using JavaScript. DESCRIPTIONÊ Decoding JavaScript will take the users on an eventful journey of simplifying and understanding advanced concepts of JavaScript. Since JavaScript is the core programming language for almost every interaction on the web, this book will make it easier for readers to develop modern cutting-edge web applications. Ê The book begins with a quick recap of the fundamental

JavaScript (JS) concepts like the syntax of JS, data types, operators, conditionals, looping, functions, arrays, objects, and so on. The readers will also explore the handy Chrome DevelopersÕ Tools. ÊÊ This book will also help readers learn and implement important concepts like how to connect to the servers, fetching data like images, user information, videos, etc. from the server, and displaying it on the web page. Besides that, users will learn about impactful concepts like testing

JavaScript code, regular expressions, and exploring the popular ES6 and the versions beyond. Most importantly, this book will help you with the best JavaScript practices followed by companies like Google, Facebook, Twitter, etc. to develop a live application right from scratch. WHAT YOU WILL LEARN Build dynamic web applications interacting with servers using Vanilla. _ Improve code efficiency by learning advanced concepts of JavaScript. _ Get acquainted with

best practices adopted by industry Arrays 5. Objects leaders, including Google and Facebook.Ê Get access to work with and Interacting popular libraries like ReactJS, jQuery, Angular, Ember, and Vue. WHO Storing Data in THIS BOOK IS FORÊÊ This book is for aspiring web developers and fairly experienced JavaScript developers who want to create modern web and server knowledge of HTML and CSS is essential to begin with this book. TABLE OF CONTENTS 1. Introduction to JavaScript 2. The DeveloperÕs Tools

3. Functions 4. 6. ES6 7. Classes 8. Callbacks and Promises 9. AJAX with Servers 10. Developing a Live Application! 11. Browsers 12. Debugging and Error Handling 13. Testing and Test Frameworks 14. Regular Expressions 15. Life after ES6 16. Tips and Tricks Principles of Data applications. Prior Science McGraw Hill Professional Get more out of your lesson planner than just a place to record grades and attendance! A new school year means a new "grade

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you approach software design and development. It introduces a unique approach to functional programming that explains why certain features of software are prone to complexity, and teaches you the functional techniques you can use to simplify these systems so that they''re easier to test and debug. Available in PDF (ePub, kindle, and liveBook formats coming soon). about the technology Even experienced developers struggle with software systems that sprawl across distributed servers and APIs, are filled

with redundant code, and are difficult to reliably test and of thinking derived from functional programming can help you design and refactor your codebase in ways that clear understanding reduce complexity, rather than encouraging it. Grokking Simplicity lays out how to use functional programming in a professional environment to write a codebase that''s easier to test and reuse, has fewer bugs, and is better at handling the asynchronous nature of distributed systems. about the book In Grokking Simplicity, you''ll learn techniques and, internalize methods

more importantly, a mindset that will help you tackle modify. Adopting ways common problems that arise when software gets complex. Veteran functional programmer Eric Normand guides you to a crystalof why certain features of modern software are so prone to complexity and introduces you to the functional techniques you can use to simplify these systems so that they''re easier to read, test, and debug. Through handson examples, exercises, and numerous selfassessments, you''ll learn to organize your code for maximum reusability and

to keep unwanted complexity out of your codebase. Regardless of the language you''re using, the ways of thinking in this book programming online will help recognize problematic code and tame even the most complex software. what''s inside Apply functional programming principles to reduce codebase complexity Work with data transformation pipelines for code that''s easier to test and reuse Tools for modeling time to simplify asynchrony 60 exercises and 100 questions to test your knowledge about the reader For experienced programmers. Examples one of the most are in JavaScript.

about the author Eric Normand has been a functional programmer since 2001 and has been teaching functional and in person since 2007. Visit LispCast.com to see more of his credentials. 100+ Solutions in Java Independently Published Here, for the first time, Ukrainian grandmaster Belyavsky has selected and annotated the finest of his chess games. The reader quickly becomes immersed in the fighting spirit and love of attacking play that has made Belyavsky respected modern

grandmasters. Publications An Ultimate Solution to Crack Java interview KEY FEATURES ? Start identifying responses for various interviews for Java architecture. ? Solutions to real Java scenarios and applications across the industry. ? Understand the various perspectives of Java concepts from the interviewer's point of view. DESCRIPTION Java Professional Interview Guide aims at helping engineers who want to work in Java.

The book covers What the Fact?! BPB nearly every aspect of Java, right from the fundamentals of core Java to advanced features such as lambdas and functional programming. Each concept's topics begin with an overview, followed by a discussion of the interview questions. Additionally, the book discusses the frameworks, Hibernate and Spring. The questions included in each topic will undoubtedly help vou feel more confident during the technical interview, which will increase your

chances of being constructed and selected. You will qain an understanding of both the interviewer and the you will learn how interviewee's psychology. This book will help you build a solid foundation of Java, the Java architecture, and how to answer questions about Java's internal operations. You will begin to experience interview questions that cover all of Java's major concepts, from object orientation to collections. You questions using will be able to investigate how objects are

what the fundamental properties of OOPs are. Additionally, to handle exceptions and work with files and collections. We'll cover advanced topics like functional programming and design patterns in the final chapters. The section also covers questions on Java web application development. Finally, you will be able to learn how to answer industry-standard frameworks like Spring and

Hibernate. WHAT YOU Java Developer prepare before an actual technical interview? ? You will learn how to understand an interviewer's mindset. ? What kind of questions can be asked and how can they be answered? ? How to deal with crossexamination questions in an interview. ? How reframe the questions and how can you provide solutions? WHO THIS BOOK IS FOR This book is intended for both new and experienced candidates preparing for the

WILL LEARN ? How to Interview. Although the book provides an overview of all Java and J2EE concepts, prior knowledge of basic Java is required. TABLE OF CONTENTS 1. The Preparation Beyond Technology 2. Architecture of Java 3. Object Orientation in Java 4. Handling Exception 5. File Handling 6. can the interviewer Concurrency 7. JDBC 8. Collections 9. Miscellaneous 10. Functional Programming 11. Design Patterns 12. Basics of Web 13. Spring and Spring Boot 14. Hibernate Learn NodeJS in 1 Day Packt Publishing

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understanding of how work. ? Master modular programming with Java. ? Learn to use features such as lambda expressions, the Time API, and the Stream APT. Solutions in Java is a accessible quide to developing Java applications from version 8 to 19. Whether you are a beginner or a seasoned pro, this book will help you learn the latest Java features and best practices, one step at a time. The book covers a wide range of topics, from basic programming concepts to advanced topics like concurrency and design patterns. Each chapter has clear and concise explanations, helpful

practical exercises. By Python, or SQL the end of the book, you'll be able to develop sophisticated Java applications that are both efficient and reliable. WHAT YOU WILL LEARN ? Explore the newly introduced features in Java 8 to 19. ? Gain a deep understanding of the Java Stream API. ? Master the art of working with Java regular expressions. ? API 8. Generics and Get a comprehensive overview of inheritance and interfaces in Java. ? Familiarize yourself with design patterns in Java, WHO THIS BOOK IS FOR This book is for anyone who wants to learn Java programming, including Java developers, technical specialists, and beginners. Prior experience with programming languages such as C, C++,

databases will be helpful, but is not required. TABLE OF CONTENTS 1. Introduction to Java 2. Java Programming Constructs 3. Java Application Components 4. Java Reference Types 5. Subclasses and Interfaces 6. Exceptions and Regular Expressions 7. Collections and Stream Time API 9. File Manipulation in Java 10. Threads and JDBC 11. Design Patterns and Internationalization 12. More about JDK 8, 9, and 10 13. Java 11 (LTS) and New Updates 14. Java 17 (LTS) and New Updates Python for Beginners Circuit Cellar Timing is Everything At the core of Date Selection practise resides the idea of

'doing the right thing, the year, such as: The at the right time'. With Personal Date Selection, you can learn how to infuse positive energies present at a specific time into any activity you're embarking to have greater chances of success. From signing business contracts, to moving into a new house, or to making a marriage proposal - a good auspicious date is nothing but essential to the make-or-break of these important endeavours.

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has exercises at the operations with end which summarize what you have learned comments? Working in a progressive manner to avoid overloading you with information. Each exercise has been carefully chosen to enable you to master the language and retain what you have skills, previous knowledge or experience is now buy clicking the BUY button. You'll also learn: Exactly software do you need to code and run Python programs and where to find it? What are variables? What are strings and methods? Using operations with numbers? Using

lists? How to use with loops? Working with IF statements? Operations involving dictionaries. Operations using defined functions. How to work with files? How to manage errors and learned. No technical exceptions? And more! Finally, you will be gently guided on how to put everything required. Download it that you have learned together so that you can immediately start your own Python what is Python? Which coding in your chosen real-world scenarios. If you are serious about learning Python fast and learning it well then start today by scrolling to the top and buying with one click. Money back quarantee! You don't

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challenges in data analysis, machine learning, and graph computing. Summary As a software engineer, you'll encounter countless programming challenges that initially seem confusing, difficult, or even impossible. Don't despair! Many of these "new" problems already have wellestablished solutions. Advanced Algorithms and Data Structures teaches you powerful approaches to a wide range of tricky coding challenges that you can adapt and apply to your own

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and a full-stack is on optimization algorithms, genetic algorithms, machine learning, and quantum computing. Table of Contents 1 Introducing data structures PART 1 BASIC DATA STRUCTURES 2 queues: d-way heaps 3 Treaps: Using randomization to balance binary search trees 4 Bloom filters: Reducing the memory for tracking content 5 Disjoint sets: Sub-linear time processing 6 Trie, radix trie: Efficient string search 7 Use case:

LRU cache PART 2 MULTIDEMENSIONAL **QUERIES 8 Nearest** neighbors search 9 K-d trees: Multidimensional data indexing 10 Similarity Search Trees: Approximate nearest neighbors search for image retrieval 11 Applications of nearest neighbor search 12 Clustering 13 Parallel clustering: MapReduce and canopy clustering PART 3 PLANAR GRAPHS AND MINIMUM CROSSING NUMBER 14 An introduction to graphs: Finding paths of minimum distance 15 Graph embeddings and

planarity: Drawing graphs with minimal edge intersections 16 Gradient descent: Optimization problems (not just) on graphs 17 Simulated annealing: Optimization beyond local minima 18 Genetic algorithms: Biologically inspired, fastconverging optimization Java Professional Interview Guide Osborne Publishing Considered one of the classics on Systematic Theology, the book covers all the basics on the reality of God, the atonement of Christ

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Creating a custom promise Callbacks vs generators Filestream in Node. js Emitting Events Chapter 8: Testing with Jasmine Overview of Jasmine for testing Node.js applications How to